



## PATENT ABSTRACTS OF JAPAN

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ITO HIROSHI**(54) **PRODUCTION OF MILK WHEY PROTEIN  
HYDROLYSATE**

(57) Abstract:

PURPOSE: To effectively obtain the subject hydrolysate changed into a low allergen content by adding a plant-originated protease to a milk whey protein aqueous solution having a specific concentration and selectively hydrolyzing a specific protein in the milk whey protein.

CONSTITUTION: A milk whey protein aqueous solution adjusted into a concentration of 5-20wt.% is adjusted to a pH of 7-9, mixed with a protease such as bromelain and/or papain originated from plants, and subjected to the selective hydrolysis of the  $\beta$ -lactoglobulin in the protein at 40-60°C for 30min to 12hrs to obtain the objective hydrolysate.

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